Application No. 10/718,314 Reply to Office Action of June 8, 2005

## **Amendments to Specification:**

Please amend the specification with the following changes set forth below.

## Title of the invention:

Page 1, line 1: Replace the title of the invention with the following title:

IMAGE FORMING APPARATUS WITH A CURRENT MEASURING SECTION

## Specification:

Page 1, lines 12-26: Replace the paragraph of the present specification with the following amended paragraph:

A charging roller 4 charges the surface of a photoconductive drum 1 to a predetermined potential. An LED head 26 illuminates the charged surface of the photoconductive drum 1 to form an electrostatic latent image on the photoconductive drum 1. A toner-supplying eartridge roller 3 delivers an appropriate amount of the toner 9, supplied from the toner cartridge 12, to developing roller 2. A toner blade 10 forms a toner layer having a uniform thickness on a developer roller 2. The developing roller 2 causes toner 9 as a developer to adhere to the electrostatic latent image formed on the photoconductive drum 1, thereby forming a toner image. A transfer roller 5 transfers the toner image formed on the photoconductive drum 1 onto a print medium 11. A cleaning roller 7 removes residual toner on the surface of the photoconductive drum 1 after transferring. For ease of maintenance, the developing roller 2 and toner-cartridge 12 are usually provided in an EP cartridge 13.

Page 21, line 26 to page 22, line 1: Replace the paragraph of the present specification with the following amended paragraph:

The bias voltage Vg for the developing roller 2 is set below the potential of the residual toner on the photoconductive drum 1 (timing Td) before the residual toner on the photoconductive drum 1 comes into contact with the developing roller 2 again at point A (Fig. 9). As a result, the toner on the photoconductive drum 1 migrates to the developing roller 2, so that the residual toner is collected into the EP cartridge [[3]] 13.

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Then, the cleaning mode is completed and the bias voltage for the cleaning roller [[8]] 7 is set to the positive voltage again (timing Te).